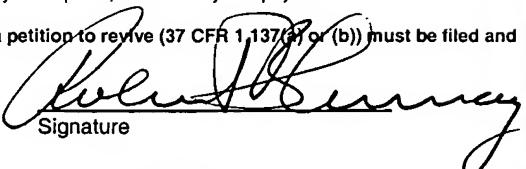


FORM PTO-1390		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No.
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		2923-714	
		U.S. Application No. (if known)	
		10/540,392	
INTERNATIONAL APPLICATION NO. PCT/EP2003/014820	INTERNATIONAL FILING DATE December 23, 2003	PRIORITY DATE CLAIMED December 23, 2002 and May 7, 2003	
TITLE OF INVENTION: INCORPORATION OF HAPten GROUPS DURING THE PRODUCTION OF CARRIERS FOR THE DETERMINATION OF ANALyTES			
APPLICANT(S) FOR DO/EO/US Markus BEIER			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. [] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371</p> <p>2. [X] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. [] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. [] The US has been elected (Article 31).</p> <p>5. [] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [] is attached hereto (required only if not communicated by the International Bureau). b. [] has been communicated by the International Bureau. c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. [] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. [] is attached hereto. b. [] has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. [] are attached hereto (required only if not communicated by the International Bureau). b. [] have been communicated by the International Bureau. c. [] have not been made; however, the time limit for making such amendments has NOT expired. d. [] have not been made and will not be made.</p> <p>8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. [] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
ITEMS 11. TO 20. below concern other document(s) or information included:			
<p>11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. [] A preliminary amendment.</p> <p>14. [] An Application Data Sheet under 37 CFR 1.76.</p> <p>15. [] A substitute specification.</p> <p>16. [] A power of attorney and/or change of address letter.</p> <p>17. [] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825</p> <p>18. [] A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. [X] Other items or information: PCT/IB/306</p>			

U.S. APPLICATION NO. (If known) 10/540,392		INTERNATIONAL APPLICATION NO. PCT/EP2003/014820		ATTORNEY DOCKET NO. 2923-714	
21. The following fees are submitted: <input checked="" type="checkbox"/> Basic national Fee \$300.00				CALCULATIONS \$	PTO USE ONLY
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$200.00				\$	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00				\$	
TOTAL OF 21, 22 AND 23 =				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate		
- 100 =	/ 50 =		x 250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	17 -20 =		X \$50.00	\$	
Independent Claims	4 - 3 =	1	X \$200.00	\$	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$	
<input checked="" type="checkbox"/> Applicant claims small entity status. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input type="checkbox"/>	A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input type="checkbox"/>	Please charge my Deposit Account No. 02-2135 in the amount of \$ _____ to cover the above filing fees and \$40 to cover the assignment recordation fee. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer No. 06449					
Rothwell, Figg, Ernst & Manbeck 1425 K St., N.W. Washington, D.C. 20005 Phone: 202/783-6040					
Signature  Robert B. Murray Name 22,980 Registration Number					